

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) An emitter array for a display device having a periphery, a middle, and an interior, each having a plurality of pixels, at least one emitter in each pixel having substantially a same height as a corresponding pixel in another emitter of the emitter array, a material for each emitter comprising amorphous silicon, the at least one emitter and the another emitter having a size within about 0.15 microns of each other in a range from about 3.25 % to within 9.5 % of each other, the periphery having a distribution of emitter heights of not less than 1.4 microns, 1.5 microns, and not reater than 1.6 microns, the middle having a distribution of emitter heights of not less than 1.5 microns, 1.6 micron, and not greater than 1.7 microns, and the interior having a distribution of emitter heights of not less than 1.5 micron, 1.6 microns, and not greater than 1.7 microns.

2. (Previously Presented) The array of claim 1, wherein the display device is a field emission display device.

3. (Previously Presented) The array of claim 2, wherein the at least one emitter has a size ranging from about 1.5 microns to about 1.7 microns.

4. (Previously Presented) The array of claim 3, wherein the at least one emitter has a size of about 1.6 microns.

5. (Previously Presented) The array of claim 4, wherein a size of all emitters in the display device ranges from about 1.5 microns to about 1.7 microns.

6. (Canceled)

7. (Canceled)

8. (Currently Amended) An emitter array for a display device having a plurality of pixels, at least one emitter in each pixel having substantially a same height as a corresponding pixel in another emitter of the emitter array, a material for each emitter comprising amorphous silicon, the at least one emitter and the another emitter having a size within about 0.15 microns of each other, the at least one emitter having a height of no less than 1.4 microns.

9. (Previously Presented) The array of claim 8, wherein the display device is a field emission display device.

10. (Previously Presented) The array of claim 9, wherein the at least one emitter has a size ranging from about 1.5 microns to about 1.7 microns.

11. (Previously Presented) The array of claim 10, wherein the at least one emitter has a size of about 1.6 microns.

12. (Previously Presented) The array of claim 11, wherein a size of all emitters in the display device ranges from about 1.5 microns to about 1.7 microns.

13. (Canceled)

14. (Canceled)

15. (Currently Amended) An emitter for a display device having a plurality of pixels, an emitter in each pixel having substantially a same height as another emitter in a corresponding pixel of the emitter display, a material for each emitter comprising amorphous silicon, the emitter and the another emitter having a size within about 0.15 microns of each other in a range from about 3.25 % to within 9.5 % of each other, the at least one emitter having a height of no less than 1.4 microns.

16. (Previously Presented) The display device of claim 1, wherein the display device comprises a field emission display device.

17. (Previously Presented) The display device of claim 16, wherein the emitter has a size ranging from about 1.5 microns to about 1.7 microns.

18. (Previously Presented) The display device of claim 3, wherein the emitter has a size of about 1.6 microns.

19. (Previously Presented) The display device of claim 18, wherein the size of substantially all emitters in the display device ranges from about 1.5 microns to about 1.7 microns.

20. (Canceled)

21. (Canceled)

22. (Currently Amended) An emitter array having a plurality of pixels, an emitter in each pixel having substantially a same height as another emitter of a corresponding pixel of the emitter display, a material for each emitter comprising amorphous silicon, the emitter and the another emitter having a size within about 0.15 microns of each other in a range from about 3.25 % to within 9.5 % of each other, the at least one emitter having a height of no less than 1.4 microns.

23. (Previously Presented) The array of claim 22, wherein the display device comprises a field emission display device.

24. (Previously Presented) The array of claim 23, wherein the emitter has a size ranging from about 1.5 microns to about 1.7 microns.
25. (Previously Presented) The array of claim 24, wherein the emitter has a size of about 1.6 microns.
26. (Previously Presented) The array of claim 25, wherein the size of substantially all emitters in the display device ranges from about 1.5 microns to about 1.7 microns.
27. (Canceled)